

Date: Sat, 3 Sep 94 04:30:19 PDT  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Equip Digest V94 #313  
To: Ham-Equip

Ham-Equip Digest                      Sat, 3 Sep 94                      Volume 94 : Issue 313

Today's Topics:

[Q] Yaesu FT-530 (2 msgs)  
Aor 3000/A Receiver  
FOR SALE: 2M/220 HT - Standard C228A  
FS: 2 meter amp.  
FT-2500M  
FT-470 likes  
Grounding question  
ICOM IC-2SRA  
Motorola h/held  
Motorola MX-340 and MX-350  
RS Scanners FOR SALE  
TM-733A PL Tone Distortion Fix  
Twin-band HT recomme (2 msgs)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>  
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Thu, 1 Sep 94 18:38:00 -0400  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!udel!news.sprintlink.net!  
ns.channel1.com!channel1!alan.wilensky@network.ucsd.edu  
Subject: [Q] Yaesu FT-530  
To: ham-equip@ucsd.edu

s>Also, from reading all the mod sheets out there, the layout of the  
s>resistor matrix is a little different too.

s>> Suggest you reconnect that little green wire and make sure the

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> MF>The green wire is the correct one. Recent production of the 530 has a green
> MF>wire on the pads to make it easier to modify. It is best to tape the ends
> MF>to the paper to keep them from creeping into a pad or the case and shorting
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> MF>to something. It appears that production batch 25 and later have this wire.  
> MF>(Batch is digits 3 and 4 on your serial number).  
>  
> The serial number on my FT-530 is 3M231517. Does that mean it is  
> production batch 23? If so, then the "green wire" batches started  
> at least at batch 23, because mine had the green wire in it and I  
> did the mod and it works just fine!

All you lucky dogs with the green wires! I'm jealous... and eye strained.

Ken

--

Ken Harrison	Is it now time for another Revolution?
N6MHG	
harrisok@sonoma.edu	

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Date: Thu, 01 Sep 94 10:05:35 CEST  
From: EU.net!i2unix!news@uunet.uu.net  
Subject: Aor 3000/A Receiver  
To: ham-equip@ucsd.edu

What do you think about the AOR 3000/A scanner receiver ?  
Is the short wave reception comparable with other short wave specialized receiver ?

Thanks in advance for your answer.

Fry

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Date: Thu, 1 Sep 1994 05:36:52 GMT  
From: ihnp4.ucsd.edu!newshub.nosc.mil!crash!bishops@network.ucsd.edu  
Subject: FOR SALE: 2M/220 HT - Standard C228A  
To: ham-equip@ucsd.edu

I have a Standard C228A 2M/220 handheld for sale. I am a college student, and, regrettably, can no longer afford to keep it. It has barely been used, and is in excellent condition, with original packaging.

It comes with two batteries, one a standard power, and the other a high output 12V, 600mA battery.

If interested, please reply, with an offer. Thanks!

73, KD6KEH

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Date: 2 Sep 94 09:49:24 -0500  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!spool.mu.edu!news.nd.edu!  
bsuvc.bsu.edu!00wsmith@network.ucsd.edu  
Subject: FS: 2 meter amp.  
To: ham-equip@ucsd.edu

I have an rfconcepts 2 meter amp for sale. Excellent condition.  
Asking \$90.

Reply to 00wsmith@bsuvc.bsu.edu

Bill Smith  
N9MBB

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Date: 1 Sep 1994 07:54:02 GMT  
From: lerc.nasa.gov!magnus.acs.ohio-state.edu!sbertsch@purdue.edu  
Subject: FT-2500M  
To: ham-equip@ucsd.edu

I'm thinking of getting a Yaesu FT-2500M, for use as a base station.  
Any user comments, pro or con?

Steve N8KWV

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Date: Thu, 1 Sep 1994 14:05:41 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!darkstar.UCSC.EDU!news.hal.COM!olivea!  
news.bu.edu!gw1.att.com!nntpa!not-for-mail@network.ucsd.edu  
Subject: FT-470 likes  
To: ham-equip@ucsd.edu

I'm surprised there hasn't been much or any comments about  
the lousy audio output of this rig. It is definitely  
inferior to the other HTs on the market (the Alinco 580  
blows it away). It is not usable in a  
car, hard to use on your belt without a spkr/mike at a  
hamfest, etc.  
Otherwise, I love it. I've had it for three years, have  
worn out two batteries and no problems (its great for use  
indoors where there is plenty of oudio).

Rick KT2Q

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Date: Thu, 1 Sep 1994 16:54:59 GMT  
From: rd1.racal.com!news@uunet.uu.net  
Subject: Grounding question  
To: ham-equip@ucsd.edu

In article heu@post.its.mcw.edu, kpleyte@post.its.mcw.edu (Kay A. Pleyte) writes:

>  
> I'm in the process of setting up my first HF rig and I've been having  
> trouble finding the answer to what seems like a simple question. What type  
> of wire should I use for the ground (to a cold-water pipe, in this case)?  
>  
> Thanks,  
>  
> Kay Pleyte, N9XCX  
> kpleyte@post.its.mcw.edu  
>

Use wire braid, as large as you can find. The shield from RG8 or 213 coax is good.  
Automotive battery ground cable is good too.

Rich, WB4EHG

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+=====+  
| Richard Joerger |  
| joerger@rd1.racal.com |  
| Racal-Datacom, Sunrise FL I do not speak for Racal. |  
| 305-846-6132 |  
| The four boxes of freedom: soap, ballot, jury, ammo |  
+=====+

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Date: 1 Sep 1994 12:33:26 GMT  
From: lll-winken.llnl.gov!overload.lbl.gov!dog.ee.lbl.gov!agate!  
usenet.ins.cwru.edu!cleveland.Freenet.Edu!ej944@decwrl.dec.com  
Subject: ICOM IC-2SRA  
To: ham-equip@ucsd.edu

Now here's a strange radio. It's a ham 2m xcvr on the left half  
of the ht (that can also receive police vhf hi band) and a wide-  
band 25-950 mHz am-fm-wbfm scanning rcvr on the right, with two

volume and squelch controls.

By the schematic, looks to use a diode matrix to control what frequencies unit will work on, as that is how they set up if it's legal in Europe, etc. \*However\*, no connections are shown between the diode matrix and the processor or pll. Hmmmmmm. Anyone know the mods on this interesting radio?

BTW, the antenna for the scanner rcvr side of the radio uses a 3.5mm standard headphone mini jack! The only really stupid feature on this unit, as it falls out easily, not to get into the technical discussion of using this type of connector up to 950 MHz, heheheh. Not whole lotta real-estate on top of ht for larger connector, but thought mebbe an sma type could be shoehorned in. You real experts have any other suggestions?

I only get to this newsgroup about once a month, so if ya have a hot tip, could you email ac231@leo.nmc.edu with response?

Tanks.

Mark E. Schmidt KB8GC  
ac231@leo.nmc.edu

...\_.\_

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Date: Thu, 1 Sep 1994 14:06:03 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!swrinde!emory!  
cs.utk.edu!stc06.CTD.ORNL.GOV!zaek25.ymd.ornl.gov!uid@network.ucsd.edu  
Subject: Motorola h/held  
To: ham-equip@ucsd.edu

In article <929\_9408110701@seuk.com> Dave.Smith@eccles.seuk.com (Dave Smith) writes:

>Newsgroups: rec.radio.amateur.equipment  
>From: Dave.Smith@eccles.seuk.com (Dave Smith)  
>Path: stc06.CTD.ORNL.GOV!fnnews.fnal.gov!nntp-server.caltech.edu!netline-  
fddi.jpl.nasa.gov!elroy.jpl.nasa.gov!swrinde!pipex!demon!seuk.com!eccles!  
Dave.Smith  
>Subject: Motorola h/held  
>X-Mail-Agent: GIG0+ sn 57 at seuk vsn 0.99 pl3 - G2K/286 v1.01  
>Organization: SEUK, Hastings, UK = 44-(0)-831-838714 = 44-(0)1424-853361  
>Date: Wed, 10 Aug 1994 22:41:00 +0000  
>Message-ID: <929\_9408110701@seuk.com>  
>Sender: usenet@demon.co.uk  
>Lines: 25

>Hello. HELP!

>I have bought a Motorola Hand-Held for conversion to 70cms ham band.

>It is a MX-360 10 synth rig,

>some one did ansewr a previous request for help but |I have lost the message,

>all I know that is they worked for Motorola in the United States.

>I have been infromed that It will need new chips inside, and special programming.  
plus the equipment to do this... I have Tried Motorola UK with no luck, I have  
also tried a friend who works on Motorola rdaios and he has had no luck either...

>I would like to get it to work on 70 cms as I have very little money ( dont we  
all) If any one has ANY info about these radios it would be VERY much  
appriciated.

>I have aslo been told that the Storno 4000 series UHF H/held may be better for  
me as these have conversion details avilable..

>If any one has got one of these for sale ( CHEAP ) I may be interested

>I dont know if this echo gos world wide, but if it does'nt would someone post it  
overseas if possible .....

>Thanks VERY much

>Regards,

>I)ave Smith. G7PKS. (GB3SR repeater Group) (part of the S-14 mob)

>--

>Standard disclaimer: My views are strictly my own.

ON THE MOTOROLA HAND HELD. THESE ARE BAND AND FREQ SPECIFIC. IF YOU HAVE TO  
BUY PARTS, PROGRAM, AND OBTAIN RADIO SERVICE, YOU COULD PROBABILITY BUY A NEW  
CHEAP AMATEUR HAND HELD.

DANNY

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Date: Thu, 1 Sep 1994 14:20:20 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!swrinde!emory!cs.utk.edu!  
stc06.CTD.ORN.L.GOV!zaek25.ymd.ornl.gov!uid@network.ucsd.edu  
Subject: Motorola MX-340 and MX-350  
To: ham-equip@ucsd.edu

In article <AJHAR.94Aug30182117@mars.tuc.noao.edu> ajhar@noao.edu (Edward Ajhar) writes:

>Newsgroups: rec.radio.amateur.equipment  
>Path: stc06.CTD.ORNL.GOV!cs.utk.edu!gatech!ncar!noao!noao.edu!ajhar  
>From: ajhar@noao.edu (Edward Ajhar)  
>Subject: Motorola MX-340 and MX-350  
>Message-ID: <AJHAR.94Aug30182117@mars.tuc.noao.edu>  
>Sender: news@noao.edu  
>Nntp-Posting-Host: mars.tuc.noao.edu  
>Organization: National Optical Astronomy Observatories, Tucson, AZ, USA  
>Date: Wed, 31 Aug 1994 01:21:17 GMT  
>Lines: 8

>Does anyone know if the Motorola MX-340 or MX-350 handhelds can be  
>configured to operate in the amateur bands? I saw a bunch of these  
>available at a military surplus sale at an Air Force base. There were  
>no antennas or battery packs. I don't know anything else about them.  
>Thanks.

THESE RADIOS ARE BAND AND FREQ SPECIFIC. MX-300(CRYSTALS),MX\_300S(SYNTHESIZE).  
IF YOU HAVE TO BUY PARTS,CRYSTALS,REPROGRAM, AND OBTAIN RADIO SERVICE, YOPU  
COULD PROBABLY BUY CHEAP AMATEUR RADIO.

DANNY

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Date: Thu, 1 Sep 1994 08:52:51 GMT  
From: ihnp4.ucsd.edu!newshub.nosc.mil!crash!news.sprintlink.net!primeret!  
news@network.ucsd.edu  
Subject: RS Scanners FOR SALE  
To: ham-equip@ucsd.edu

I am not sure this was the right place to offer these for sale, my appologies if I  
have placed these in the wrong newsgroup.

=====  
FOR SALE: RADIO SHACK PRO-2004 SCANNER w/HB-232 CPU INTERFACE

Features: 400-Channel, Cellular Restore and Speed Up Mods.  
25-1300 MHZ, Wide Band FM, AM, Narrow FM, Sound Squelch

Includes: Commtronics HB-232 Computer Interface installed with  
MS-DOS software. Small phone jack connection on rear  
panel for serial interface. Adapter cable to convert



to IBM 25-pin connector provided.

Includes: Service Manual, Whip Antenna.

Modified: Removed power transformer per recommendations  
for less heat buildup. External wall adapter  
included. Old xformer provided if needed.

Price: \$350 COD, Includes UPS Blue Shipping

=====

FOR SALE: RADIO SHACK PRO-2021 SCANNER

Features: 200 Channels, 10 banks of 20. 110 Volt or 12 VDC  
operation. Includes high performance whip antenna.  
30-512 MHZ in standard band arrangement.

Price: \$125 COD, Includes UPS Blue Shipping

=====

FOR SALE: RADIO SHACK PRO-46 HAND HELD SCANNER

Features: 100 Channels, 10 banks of 10, 4 AA Batteries, Nicads  
or Alkalines, Cellular Restore Information Available.  
29-956 MHZ in standard band arrangement.

Includes: Rubber Duck Antenna, AC Adapter, Service Manual.

Price: \$150 COD, Includes UPS Blue Shipping

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If interest in any of these radios, please E-Mail me your address or  
call (602) 835-2243, my work number, between 8:30 AM and 3:00 PM  
Monday - Friday and ask for Keith and say it is about the scanners.  
My secretary won't let you through otherwise.

Keith Rowland in Mesa, Arizona  
Southwest Software  
InterNET: KeithR@PrimeNet.COM  
Packet: KG7EL@KC7Y.AZ.USA.NA

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Date: 31 Aug 1994 20:42:01 -0400  
From: mvb.saic.com!news.alpha.net!pacifier!rainrgnews0!psgrain!

channel.ecst.csuchico.edu!nic-nac.CSU.net!usc!howland.reston.ans.net!  
europa.eng.gtefsd.com!swiss.ans.net!newstf01.cr1@ihnp4.ucsd.edu  
Subject: TM-733A PL Tone Distortion Fix  
To: ham-equip@ucsd.edu

Well here it is folks, hot off the press from Kenwood. A service Bulletin about the PL tone distortion fix. In a nut shell the fix is to replace 7 resistors, they are as follows.

QTY	Description	New
	Part number	
1	R542 (from 1.8K to 2.7K)	RK73FB2A272J
1	R543 (from 1.8K to 3.3K)	RK73FB2A332J
1	R544 (from 1.8K to 4.7K)	RK73FB2A472J
1	R545 (from 1.8K to 6.8K)	RK73FB2A682J
1	R546 (from 1.8K to 10K)	RK73FB2A103J
1	R547 (from 1.8K to 10K)	RK73FB2A103J
1	R548 (from 1.8K to 10K)	RK73FB2A103J

You can now get the service bulletin from Kenwood and I would give you the number but my fax copy they sent was not readable at the part of the page. Well I don't know if it will do the job or not but there you go. If anyone has this done please let me know if it did the job or not and didn't cause any problems with anything else.

Best of 73's  
Lonnie

-----  
Date: Thu, 1 Sep 94 18:38:00 -0400  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!udel!news.sprintlink.net!  
ns.channel1.com!channel1!alan.wilensky@network.ucsd.edu  
Subject: Twin-band HT recomme  
To: ham-equip@ucsd.edu

DB> I had asked for recommendations among several dual-band HTs I  
DB>found while looking through the HRO catalog, including the Kenwood  
DB>TH-78A and -79A, the Yaesu FT-530, and others. I also asked for  
DB>recommendations of places to buy from.

DB> Those who responded spoke highly of the FT-530 and the TH-79A;  
DB>less so of the TH-78A. One comment I received:

DB>> For the money the Yaesu FT-530 is the best of the bunch.  
DB>> I like the guide and user interface on my TH79A but if I had it  
DB>> to do over I'd buy the FT-530.

DB> I'll probably end up with the FT-530, as soon as I can pay for it.

DB> Most of the people who answered recommended avoiding HRO. Have  
DB>others had bad experiences with them? Who would you recommend?

DB> Many thanks to those who answered my original query, and thanks  
DB>for any information you can provide!

DB> --

DB> Dan Brown (waiting on Tech+, studying for Advanced)

DB> danb@acme.csusb.edu

FT 530 is a great radio, HRO in NH is a very good shop.

Alan Wilensky, N1SS0

abm@world.std.com

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≥ CmpQwk #UNREG≥ UNREGISTERED EVALUATION COPY

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Date: Thu, 1 Sep 1994 23:52:13 GMT

From: ihnp4.ucsd.edu!agate!cat.cis.Brown.EDU!noc.near.net!howland.reston.ans.net!

vixen.cso.uiuc.edu!sdd.hp.com!hp-pcd!news!ericr@network.ucsd.edu

Subject: Twin-band HT recomme

To: ham-equip@ucsd.edu

HRO in Portland, OR is outstanding in any category. While I was  
in the store I listened to a phone call that they were handling from  
some real jerk customer. It sounded to me as if they were doing everything  
they possibly could to help this person including paying for shipping that  
they normally don't pay for (overnight delivery for some item). Their  
prices were also in the competitive range.

They were very helpful and friendly to me. My next purchase will be from  
HRO.

--

Eric Ross, WB7SDE | Hewlett-Packard Company, VPR

ericr@vcd.hp.com | Vancouver, WA, USA

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End of Ham-Equip Digest V94 #313

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